

08:44:06

### OCA PAD INITIATION - PROJECT HEADER INFORMATION

07/21/89

Active

Project #: D-48-644  
Center # : 10/24-6-R6768-0A0

Cost share #:  
Center shr #:

Rev #: 0  
OCA file #:  
Work type : RES  
Document : PO  
Contract entity: GTRC

Contract#: DACA88-89-M-1548  
Prime #:

Mod #:

Subprojects ? : N  
Main project #:

Project unit:  
Project director(s):  
MYERS J H

ARCH COLL  
ARCH COLL

Unit code: 02.010.164  
(404)894-3390

Sponsor/division names: ARMY  
Sponsor/division codes: 102

/ CON ENG RES LAB, IL  
/ 020

Award period: 890627 to 890930 (performance) 890930 (reports)

Sponsor amount	New this change	Total to date
Contract value	10,100.00	10,100.00
Funded	10,100.00	10,100.00
Cost sharing amount		0.00

Does subcontracting plan apply?: N

**Title: CONDITION INDEX DEVELOPMENT PLAN FOR "BUILDER" EMS**



### PROJECT ADMINISTRATION DATA

OCA contact: William F. Brown

894-4820

**Sponsor technical contact**

Sponsor issuing office

DON UZARSKI  
(217)373-6701  
US ARMY CONSTRUCT. ENGR. RES. LAB.  
NEWMARK DR., P.O. BOX 4005  
CHAMPAIGN, IL 61820-1305

MS. V. IVERSON/CONTRACTS BRANCH  
(217)373-6798  
US ARMY CONSTRUCT. ENGR. RES. LAB.  
2902 NEWMARK DR., P.O. 4005  
CHAMPAIGN, IL 61820-1305

Security class (U,C,S,TS) : U  
Defense priority rating : DO-C9  
Equipment title vests with: Sponsor X  
NONE PROPOSED

ONR resident rep. is ACO (Y/N): N  
NA supplemental sheet

Administrative comments -

INITIATION OF D-48-644. THIS IS A FIXED PRICE ORDER.

GEORGIA INSTITUTE OF TECHNOLOGY  
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 06/07/90

Project No. D-48-644 \_\_\_\_\_ Center No. 10/24-6-R6768-OA0 \_\_\_\_\_  
Project Director MYERS J H \_\_\_\_\_ School/Lab ARCH COLL \_\_\_\_\_  
Sponsor ARMY/CON ENG RES LAB, IL \_\_\_\_\_  
Contract/Grant No. DACA88-89-M-1548 \_\_\_\_\_ Contract Entity GTRC  
Prime Contract No. \_\_\_\_\_  
Title CONDITION INDEX DEVELOPMENT PLAN FOR "BUILDER" EMS \_\_\_\_\_  
Effective Completion Date 890930 (Performance) 890930 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	_____
Final Report of Inventions and/or Subcontracts	Y	_____
Government Property Inventory & Related Certificate	Y	_____
Classified Material Certificate	N	_____
Release and Assignment	Y	_____
Other _____	N	_____
Comments _____		

Subproject Under Main Project No. \_\_\_\_\_

Continues Project No. \_\_\_\_\_

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N

NOTE: Final Patent Questionnaire sent to PDPI.

D-48-644

Center for Architectural Conservation

College of Architecture

**Georgia Institute of Technology**

Atlanta, Georgia 30332-0155

(404) 894-3874 Fax

(404) 894-3390

September 13, 1989

Mr. Don Uzarski  
United States Army  
Construction Engineering Research Laboratory  
2902 Newmark Drive  
P.O. Box 4005  
Champaign, IL 61820-1305

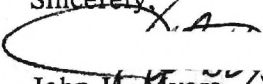
Dear Don,

Enclosed is a draft report on the Builder Condition Indices. I would suggest a meeting to review and clarify to see how far off track we are.

I have numerous questions, comments and observations which are not in the draft. We could handle this by phone as well.

Call if you have questions. I look forward to your comments.

Sincerely,

  
John H. Myers  
Asst. Dean for Research

JHM:aar

Enclosure

**CHRONS FILE**  
**ARP GEN COR**

Uzarski.912  
Admin #37

March 5, 1990

Mr. Don Uzarski  
United States Army - CERL  
2902 Newmark Drive  
P.O. Box 4005  
Champaign, IL 61824-4005

Dear Don,

The final builder report is enclosed. Modifications have been made to the report to address the following:

- item 2, task 3 - interior doors
- item 3, task 5b - system example
- item 3, task 5c - experimental design
- item 3, task 5d - costs

Additional comments regarding the starred items from the initial review are addressed both in this letter, and in the report as follows:

**Item 1.B.1. - Flashing and trim**

It would not be feasible to simply include Flashing and Trim as a portion of a window, because the component goes way beyond just windows. It includes doors, foundation, penetrations, chimneys, corners, cornices and other intersections of materials. Upon reflection, we have looked at the intended function of flashing materials to secure the integrity of the exterior closure and believe that the Flashing and trim, as well as caulks and sealants effectively perform this same function. We have therefore modified and expanded this section of the report and retitled it, "Moisture Protection Systems". There is expanded text to explain the nature of the section.

**Item 1.B.3. - Penetrations, drainage**

The penetrations aspect will now be covered by the changes in the previous item and drainage, i.e. rain handling systems are covered in the following comments on Item 1.B.4.

**Item 1.B.4. - Gutters and downspouts**

We believe that these should be left as a part of the Roofing module for two reasons. First, there is a general association of gutters and downspouts with the roofing system and secondly, there is the direct physical and function linkage as extensions of the roof to control and direct the flow of water off of the roof. Configurations and capacities are related to roof type, configuration and size.

**Item 1.C.5. - Wall finishes**

We believe that the interior wall finishes are a part of the fixed partitions. Please note our comment as the last paragraph of Task 2. If the term Interior partition - fixed is all inclusive, as we believe you intend it to be, then the non-paint finishes referred to in the section "Interior Wall Finishes" probably should be treated as a portion of the fixed partition and examined for defects.

Modifications to the language of the report have been made to reflect that.

Item 1.D.2. - Forms

Regarding the linkage of plans/elevations etc. to the forms, we have added some possibilities for consideration as an expansion of the "Defects and checklists" of Task 4. Two alternatives are provided.

Item 1.D.3. - Non-destructive testing

The potential list of non-destructive evaluation techniques was added in the last report. It had not been in the first draft, hence the comment. We assume that the "\*" indicates that the listing alone is not adequate. We would call your attention to a special set of "References" which are only for the non-destructive testing. In addition our review noted a mistake in the report body which failed to note the presence of the list of tests and the references related to them in the January 11, 1990 version. That was corrected in the enclosed version. It is hoped that this additional guidance will extend the value of the test list. We felt that an analysis and review of the over fifty tests would be beyond the work scope as we understood it.

Please contact me if there are any questions about the contents of either this letter or the enclosed report.

Sincerely,

  
John H. Myers  
Asst. Dean for Research

JHM:aar

Enclosure

CHRONS FILE ✓  
CAC Builder

Uzarski.305  
\\Res\CERL\Builder